



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)


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The Eastern Iowa DX Bulletin

Number 239, September 13, 2024

Craig Fastenow, KØCF, Editor

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Ohio-Penn DX Bulletin (OPDX)

Edited by Tedd Mirgliotta, KB8NW. Although OPDX is no longer published as a weekly bulletin, Tedd still sends DX news emails.

We will occasionally publish some of them.

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

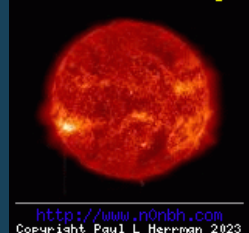
Dr. Tony Phillips' SpaceWeather.com, used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



Solar-Terrestrial Data

14 Sep 2024 1712 GMT
 SFI: 186 SN: 127
 A-Index: 37
 K-Index: 4
 X-Ray: M2.8
 304A: 161.3 @ SEM
 Ptn Flx: 398
 Elc Flx: 10100
 Aurora: 1/n=1.99
 Mag (Bz): 0.1
 Solar Wind: 410.3
 Geomag Field ACTIVE
 Sig Noise Lvl S3-S4
 Current Solar Image



<http://www.nonbh.com>
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DX News

3D2, FIJI. Maxim OH7O celebrates his 50th birthday with a Pacific DXpedition. He'll be QRV as **3D2YY** (OC-016) **until September 19th**, operating mostly on SSB and maybe some CW. He's planning a short side trip to Tuvalu from where he may be QRV as **T2M**. Updates: <https://oh7o.com/dxexpedition-to-pacific-islands/>. QSL via [OH7O](#) or LoTW.

-[DXNL # 2422 September 4, 2024] (0906-0920)

4L, GEORGIA. Stephane, F4JZW, signs **4L/F4JZW** until **September 30th** on 80-6m with 10W and a wire. QSL via LoTW.

-[DXNL # 2421 August 28, 2024] (0830-1004)

5H, TANZANIA. Vlad, OK2WX will be active as **5H1WX** from Mafia Island (AF-054), Tanzania from **September 18th to October 6th**. He will operate CW, SSB and FT8 on 80-10 meters. Detailed QSL policy as well as other information on <https://www.mdxc.support/5h1wx/>. QSL via [I8KHC](#).

-[425DXN # 1733 July 20, 2024] (0913-1011)

9J, ZAMBIA. Pista, HA5AO will be active from the area of the Victoria Falls in Zambia from September 14th to 23rd on 6m - 80m (CW/SSB/FT8) using the callsign **9J2AO**. QSL via [HA5AO](#) OQRS

-[DXNL # 2423 September 11, 2024] (0913-0927)

9M6, EAST MALAYSIA. Special event station **9M61LS** is QRV until **September 16th** to celebrate the 61st anniversary of Sabah's independence. QSL via [9M61LS](#).

-[ARRL DX Bulletin # 32 August 29, 2024] (0830-0920)

9M6, EAST MALAYSIA. Team **9M1Z** will be active from the "Semporna Islands", Sabah, East Malaysia during the first half of September. They will be QRV from four islands: Mabul (**September 1st-4th**), Timba-Timba (**September 5th-7th**), Matakang (**September 8th-11th**) and Pom-Pom (**September 12th-15th**). Look for activity on 80-6 meters SSB, CW, FT8/FT4 and RTTY. QSL via LoTW, [ClubLog's OQRS](#) (see <https://www.qrz.com/db/9M1Z> for the links to the four logs, which will be uploaded separately), or direct to [9W8ZZK](#) or [9M8WIN](#).

-[425DXN # 1738 August 24, 2024] (0830-0920)

9M6, EAST MALAYSIA. Celebrating the 61st Sabah Day (August 31st) and Malaysia Day (September 16th), special callsign **9M61S** will be active from **August 23rd to September 16th**. QSL direct to P.O. Box 20469, 88761 Luyang, Sabah, Malaysia.

-[425DXN # 1738 August 24, 2024] (0823-0920)

A6, UNITED ARAB EMIRATES. Radio amateurs from UAE will join the celebrations in Saudi Arabia (see below) with the special callsign A6ØARS from **September 17th to 23rd**.

A6ØARS Op. EARS Station QSL: [EA7FTR](#)

A6ØARS/Ø Op. A61Y QSL: [EA7FTR](#)

A6ØARS/1 Op. A61M QSL: [A61BK](#)

A6ØARS/2 Op. A61Q QSL: [EA7FTR](#)

A6ØARS/3 Op. A61FK QSL: [A61BK](#)

A6ØARS/4 Op. A61BK QSL: [A61BK](#)

A6ØARS/5 Op. A61DD QSL: [EA7FTR](#)

A6ØARS/6 Op. A61QQ QSL: [A61BK](#)

A6ØARS/7 Op. A61AY QSL: [A61AY](#)

A6ØARS/8 Op. A65GC QSL: [A65GC](#)

A6ØARS/9 Op. A61ZX QSL: [IZ8CLM](#)

A6ØARS/1Ø Op. A65BR QSL: [A65BR](#)

A6ØARS/11 Op. A61NN QSL: [EA7FTR](#)

A6ØARS/12 Op. A65GD QSL: [A65GD](#)

A6ØARS/13 Op. A65GJ QSL: [A65GJ](#)

A6ØARS/14 Op. A61FJ QSL: [LZ1YE](#)

A6ØARS/15 Op. A61DI QSL: [EA7FTR](#)

A6ØARS/16 Op. A61BR QSL: [EA5ZD](#)

A6ØARS/17 Op. A65AA QSL: [A65AA](#)

A6ØARS/18 Op. A65KA QSL: [A65KA](#)

A6ØARS/19 Op. A65PX QSL: Direct via [K3YR](#); QRZ; EQSL

A6ØARS/2Ø Op. A65GL QSL: [EA7FTR](#)

-[DXNL # 2423 September 11, 2024] (0913-0927)

CE, CHILE. Members of Radioclub El Trauko (CE7DE), based on Chiloe Island (SA-018), will be operating special call signs **3G7CW** (CW) and **3G7RLN** (other modes) **throughout September**, with a focus on the 17th. This was the day in 1898 when Ramon Luis Norero put a wireless telegraph system

into operation across the Chacao Channel between Chiloe and mainland Chile. ClubLog's Live Stream has been enabled for both callsigns. QSLs direct to [CE7DE](#).

-[425DXN # 1740 September 7, 2024] (0906-0927)

DL, GERMANY. Members of DARC's Ortsverband Greifswald (DLØHGW) will be active as **DL25ØCDF** from **August 1st to September 30th**. The special callsign marks the 250th anniversary since the birth of the painter Caspar David Friedrich, an icon of the German Romantic movement. A certificate will be available, see <https://dl0hgw.darc.de/dl250cdf.htm> for information. All QSOs will be confirmed automatically via the bureau, eQSL and LoTW.

-[425DXN # 1733 July 20, 2024] (0726-0927)

DU, PHILIPPINES. Lucy, AB3MY will be active as **DU1/AB3MY** from Legazpi on Luzon Island (OC-042), Philippines on **September 19th-24th**. She will operate SSB and possibly some FT8 on 40, 20, 17, 15, 12 and 10 meters. Her activity is to honor her late father, Percy Tence (PY2PD), who lived in Brazil but was born in the Philippines, and died in a road traffic accident in 2001. QSL via [AB3MY](#).

-[425DXN # 1741 September 14, 2024] (0913-0927)

DXCC TOP TWENTY. Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of September 13, 2024:

1. P5	DPRK (North Korea)	11. ZS8	Prince Edward & Marion Islands
2. BS7H	Scarborough Reef	12. KH4	Midway Island
3. CEØX	San Felix Islands	13. VKØM	Macquarie Island
4. BV9P	Pratas Island	14. PYØS	Saint Peter And Paul Rocks
5. KH7K	Kure Island	15. KP5	Desecheo Island
6. KH3	Johnston Island	16. VPØS	South Sandwich Islands
7. 3Y/P	Peter 1 Island	17. KH5	Palmyra & Jarvis Islands
8. FT5/X	Kerguelen Island	18. ZL9	New Zealand Subantarctic Islands
9. YVØ	Aves Island	19. FK/C	Chesterfield Islands
10. 3Y/B	Bouvet Island	20. VKØH	Heard Island

For the complete list, see <https://clublog.org/mostwanted.php>

-[KØCF September 13, 2024] (0913-1004)

E5/S, SOUTH COOK IS. Bob, ZL1RS will be active again as **E51EME** from Rarotonga (OC-013, grid BG08cs), South Cook Islands from **August 23rd to September 15th**. He will focus on 6m FT8 via ionospheric propagation, with 6m EME using Q65-60A as his secondary objective. See <https://www.grz.com/db/E51EME> for more information and updates. QSL via [ClubLog's QQRS](#) and LoTW.

-[425DXN # 1737 August 17, 2024] (0823-0920)

EA, SPAIN. Special event callsigns **EG1SDC-EG9SDC** (**September 1st-7th**) and **EH1SDC-EH9SDC** (**September 8th-15th**) will be activated to commemorate Day of Asturias and the principality's patron saint, popularly known as the Santina de Covadonga. This is the 40th edition of the 'SDC' special event. Also active will be **EG4ØSDC** (**September 1st-15th**) and **ED3SDC** (**September 14th-15th**). See <https://santina.dxfun.com/> for more information, including online logs and downloadable certificates. QSL for all callsigns via [EA1AUM](#), LoTW and eQSL.

-[425DXN # 1738 August 24, 2024] (0830-0920)

F, FRANCE. Radioclub F6KJS de Montceau les Mines (dpt 71, Saone et Loire) will remember the 80th anniversary of the liberation of Genelard with the special callsign **TM44LG** from **September 15th through 29th**. QSL via Bureau.

-[DXNL # 2423 September 11, 2024] (0913-1004)

F, FRANCE. Special callsign **TM45CDXC** will be active from **September 7th to 21st** for the 45th Convention of the Clipperton DX Club (<https://cdxc.org/>) to be held at Montceau les Mines on September 20-22. QSL via [F5CWU's QQRS](#).

-[425DXN # 1737 August 17, 2024] (0906-0920)

F, FRANCE. To commemorate the 80th anniversary of the liberation of Wingles during WWII (September 2, 1944), the local radio club (F4KLR) will be active as **TM8ØLW** on **August 31st, September 2nd and for another 13 days until November 9th**. All SSB and CW QSOs will be confirmed

automatically via the bureau and eQSL; FT8 QSOs will be confirmed via eQSL.
-[425DXN # 1738 August 24, 2024] (0830-1108)

F, FRANCE. The radio club F4KIR from Saint Malo uses the callsigns **TM8ØCAL** (during August) and **TM8ØLCA** (during September) to commemorate their city's liberation 80 years ago. QSL via [F5BNJ](#).
-[DXNL # 2419 August 14, 2024] (0816-0927)

FG, GUADELOUPE. Thierry, F4IDN is QRV as **FG/F4IDN** near Capesterre Belle Eau until September 15th. Activity is on 40 to 10 meters using SSB and digital modes. This includes being active from POTA site GP0001. QSL to [F4IDN](#).
-[ARRL DX Bulletin # 31 August 22, 2024] (0823-0920)

FO, FRENCH POLYNESIA. Bill, GØVDE will be active as **FO/GØVDE** from Mangareva (OC-063), French Polynesia on September 17th-21st. He plans to operate SSB, FT8 (probably Multi-Stream MSHV) and some RTTY (depending on demand) on 80-6 meters using a linear amplifier. See <http://vp6wr.com> for more information. QSL via [MØURX's OQRS](#).
-[425DXN # 1737 August 17, 2024] (0913-0920)

FO, FRENCH POLYNESIA. Yann, F1SMB will be active again as **FO/F1SMB** from French Polynesia from August 15th to September 15th. His main QTH will be Tahiti (OC-046), with a side trip to Fakarava (OC-066). Usually, he operates FT8 and SSB 40-10 meters. QSL via [F1SMB](#), LoTW, eQSL.
-[425DXN # 1736 August 10, 2024] (0809-0920)

FO/M, MARQUESAS IS. Paula, NX1P is QRV as **FO/NX1P** until October 1st. Activity is on the HF bands. QSL to [NX1P](#).
-[ARRL DX Bulletin # 33 September 5, 2024] (0906-1004)

FP, ST. PIERRE & MIQUELON. Thomas, DC8TM, and his wife Martina, DF3TS, will be active from St Pierre (NA-027) as **FP/DC8TM** and **FP/DF3TS** from August 24th to September 16th, including POTA and SOTA locations. For a detailed schedule see: <https://www.qrz.com/db/DC8TM>. QSL via [DC8TM](#) and [DF3TS](#).
-[DXNL # 2420 August 21, 2024] (0823-0920)

GJ, JERSEY. Peter, ON8ZZ and Fred, ON8ZL will be active from Jersey on September 13th-15th. They will be QRV as **MJ/OT9Z** on 80, 40, 20, 15 and 10 meters, and Fred will participate in the WAE DX SSB Contest (September 14th-15th). QSL via [ON8ZL](#).
-[425DXN # 1740 September 7, 2024] (0913-0920)

GJ, JERSEY. Tev, TA1HZ, will be active as **MJ/TA1HZ** from Jersey on September 11th-16th, including participation in the WAE DX SSB Contest (September 14th-15th). QSOs will be uploaded also to ClubLog, eQSL and QRZ Logbook. QSL via LoTW.
-[425DXN # 1740 September 7, 2024] (0906-0920)

H4, SOLOMON IS. Bernard, DL2GAC has been active again as **H44MS** from Malaita (OC-047), Solomon Islands for a few days, and will remain QRV until around September 15th. He operates SSB and some FT8 on 40-6 meters. QSOs will be uploaded to Club Log and LoTW. QSL via [DL2GAC](#).
-[425DXN # 1739 August 31, 2024] (0830-0920)

HH, HAITI. Special callsign **4V1SAVANNAH** will be used by the Radio Club d'Haiti to commemorate the 245th anniversary of the Battle of Savannah from September 16th to October 20th. In 1779, more than 500 volunteers from Saint-Domingue (the French colony which later became Haiti), fought alongside American colonial troops against the British Army during the siege of Savannah, an encounter of the American War of Independence. QSOs will be uploaded to ClubLog. QSL via [N2OO](#).
-[425DXN # 1740 September 7, 2024] (0913-1018)

HZ, SAUDI ARABIA. Saudi Amateur Radio Society (HZ1SAR) will use special callsigns **HZ94ND**, **7Z94ND** and **8Z94ND** to celebrate Saudi National Day on September 5th-23rd. Based on the number of lunar years, Saudi National Day commemorates the renaming of the Kingdom of Nejd and Hejaz to the Kingdom of Saudi Arabia (September 23, 1932). QSOs will be uploaded to ClubLog.

National societies from the Gulf Cooperation Council's neighboring countries are expected to join the

celebrations and be active around September 23, including:

A91ARS, Bahrain Amateur Radio Society,
9K9KSA, Kuwait Amateur Radio Society,
A43KSA, Royal Omani Amateur Radio Society,
A6ØARS, Emirates Amateur Radio Society,
 -[425DXN # 1740 September 7, 2024] (0906-0927)

ISØ, SARDINIA. Giuseppe, IK5WWA will be QRV as **IMØC** from San Pietro (EU-165) from **September 1st to 15th**. Activity will be on 40 to 2 meters. QSL to [IK5WWA](#).
 -[ARRL DX Bulletin # 32 August 29, 2024] (0830-0920)

J8, ST. VINCENT. Brian, GW4DVB is QRV as **J88PI** from Palm Island (NA-025) **until September 21st**. Activity is on 40, 20, 17, 15, and 10 meters using SSB and FT8. QSL to [GW4DVB](#).
 -[ARRL DX Bulletin # 34 September 12, 2024] (0913-0920)

JW, SVALBARD. Operators LB5SH and LBØVG are QRV as **JW/LB5SH** and **JW/LBØVG**, respectively, from Spitsbergen Island (EU-026) **until September 15th**. Activity is on 80 to 10 meters using CW, SSB, and FT8. This includes being active as **JW2T** in the Worked All Europe DX SSB contest (September 14th-15th). QSL via LoTW.
 -[ARRL DX Bulletin # 34 September 12, 2024] (0913-0920)

K, UNITED STATES. Depending on weather conditions, Steve, **K4WA** intends to operate from five island groups, camping on the different islands as follows:

September 8th-9th St George Island NA-085
 September 10th-12th Havens Island NA-076
 September 13th-15th Mullet Key NA-034
 September 16th-18th Amelia Island NA-138
 September 19th-21st Jekyll Island NA-058

He will operate mainly CW and SSB, but may also include some FT8. QSL via [K4WA](#).
 -[425DXN # 1739 August 31, 2024] (0906-0920)

K, UNITED STATES. Organized by the Citrus Belt ARC, the 25th annual Route 66 On The Air special event celebrates the historic US Highway 66. Twenty-three amateur radio stations using 1x1 callsigns (**W6A-W6W**) will be QRV from cities along the "Mother Road" from **September 7th to 15th**. See <https://w6jbt.org/> for information about the event and QSL routes.
 -[425DXN # 1739 August 31, 2024] (0906-0920)

KH8, AMERICAN SAMOA. Team **KH8T** (Robert K5PI, Amy KC5DJI, Don N5DD, Madison W5MJ and Keith VE7KW) will be active from Pago Pago (OC-045), American Samoa on **September 2nd-16th**. They will operate CW, SSB and FT8 (both "regular" and SuperFox) on 80-10 meters (possibly also 160 and 6 meters, if conditions allow) with two stations. See <https://www.kh8t.net/> for more information. QSL via [MØURX's OQRS](#).
 -[425DXN # 1733 July 20, 2024] (0830-0920)

OE, AUSTRIA. Celebrating the 60th anniversary of the Rhein Ruhr DX Association (<https://rrdxa.org/>), Tom, OE4EIE is active as **OE4RRDXA** from **July 1st to September 30th**. QSOs will be uploaded to LoTW and ClubLog; paper QSL cards will not be available.
 -[425DXN # 1731 July 6, 2024] (0705-0927)

OE, AUSTRIA. Special callsign **OE45NO** highlights the negative Austrian referendum about the commissioning of a nuclear power plant 45 years ago. QRV from September **until the end of November**. QSL via [ClubLog's OQRS](#), HRDlog.net OQRS.
 -[DXNL # 2421 August 28, 2024] (0830-0920)

OE, AUSTRIA. Special event station **OE5ØLOW** is QRV **during September** to celebrate the 50th anniversary of the G-QRP Club. QSL direct to [OE7AFT](#).
 -[ARRL DX Bulletin # 32 August 29, 2024] (0830-0927)

OE, AUSTRIA. The special event stations **OE2XXM** and **OE5XXM** will be active **during September** around the 38th International amateur radio meeting in Gosau. QSL via bureau.

-[DXNL # 2414 July 10, 2024] (0830-0927)

OE, AUSTRIA. Special callsign **OE7ØVIE** marks the 70th anniversary of Vienna International Airport (IATA code VIE) from **June 21st to September 30th**. QSL via [ClubLog's OQRS](#) (preferred), LoTW in due course, or via [OE6VIE](#).

-[425DXN # 1729 June 22, 2024] (0621-0927)

ON, BELGIUM. Members of UBA's Groupement De Verviers will be active as **OR8ØUSA** on **September 1st-15th** to commemorate the 80th anniversary of the liberation from German occupation; and on **December 16th-31st** commemorating the Battle of the Bulge during World War II, events in which the US military was heavily engaged. QSL via [ON4GDV](#).

-[425DXN # 1738 August 24, 2024] (0830-0920)

OZ, DENMARK. Jan-Willem PA7JWC (**5Q7DX**), Maarten PD2R (**OV2T**) and Sven PA1SVM (**OZ/PA1SVM**) will be active from Saeby, Vendsyssel-Thy (North Jutland, EU-171) from **September 10th to 17th**. They will operate CW, SSB and FT8 on 160-2m. QSL 5Q7DX via LoTW (preferred), or via [PA7JWC](#); QSL OV2T via LoTW (preferred), or via [PAØABM](#).

-[425DXN # 1739 August 31, 2024] (0906-0920)

PA, NETHERLANDS. Commemorating the 80th anniversary of Operation Market Garden, members of Radio Club Limburg will be active as **PA8ØOMG** on **September 13th-19th**. See <https://rclb.nl/pa80omg> for more information. Also active will be **PH8ØMG**, operated by members of the PI4CQ club station on **September 13th-21st**. QSOs will be confirmed automatically via the bureau; direct cards go to [PD8RW](#).

-[425DXN # 1739 August 31, 2024] (0913-0920)

PA, NETHERLANDS. Special callsign **PH8ØLIB** will be in use from various locations from **September 11th until November 10th** to commemorate the 80th anniversary of the liberation of southern Netherlands in the autumn of 1944. Activity will be on 80-10 meters SSB, CW and digital modes. See <https://www.grz.com/db/PH80LIB> for detailed information. QSL via the bureau.

-[425DXN # 1740 September 7, 2024] (0906-1108)

PACIFIC TRIP. During his **September 4th-19th** trip Maxim, OH7O will be active as **3D2YY** from Viti Levu, Fiji, **YJØYY** from Port Vila, Vanuatu (**September 6th-10th**), and **T2M** from Tuvalu (**September 12th-16th**). He operates mostly SSB and some QRS CW on 40-10m. See <https://oh7o.com/dxexpedition-to-pacific-islands/> for updates.

-[425DXN # 1740 September 7, 2024] (0906-0920)

SP, POLAND. Special callsigns **SN1ØØP**, **SN1ØØL**, **SN1ØØN**, **SN1ØØPLN** and **SN1ØØBP** will be used from **September 1st to December 31st** for the 100th anniversary of the establishment of Bank Polski SA and the introduction of the zloty (PLN), Poland's official currency. The activity is organized by the Polish Amateur Radio Association. A certificate will be available, see <https://www.grz.com/db/SN100PLN> for the details. QSL via the bureau.

-[425DXN # 1740 September 7, 2024] (0906-0927)

SV, GREECE. Dirk, ON5CT will be active as **SV8/ON5CT** from Samos Island (EU-049) **until October 6th**. He operates SSB, FT8 and RTTY on 80-6 meters. Paper QSLs will not be available, but QSOs will be uploaded to LoTW, eQSL and ClubLog.

-[425DXN # 1741 September 14, 2024] (0913-1011)

SV, GREECE. Gabor HA1YA is currently operating from Thasos Island (EU-174) as **SW8YA** and will stay there **until September 15th**. After this, he plans to visit Limnos (EU-049). QSL via [HA1YA](#).

-[DXNL # 2423 September 11, 2024] (0913-0920)

SV, GREECE. The Salamis Radio Amateurs Group will be active as **SX8AS** on **September 16th-30th** from Salamina Island (EU-075). QSL via LoTW and ClubLog.

-[425DXN # 1740 September 7, 2024] (0913-1004)

SV9, CRETE. Karl, DJ5IL is QRV as **SW9IL** from the Kissamos area. Activity is holiday style on 40 to 10 meters using CW. QSL to [DJ5IL](#).

-[ARRL DX Bulletin # 32 August 29, 2024] (0830-0920)

T2, TUVALU. Maxim OH7O will do a side trip to Tuvalu (OC-015) during his Fiji activity. Watch for **T2M** from approximately **September 12th to 16th**. Check his website for update:

<https://oh7o.com/dxpedition-to-pacific-islands/>

-[DXNL # 2423 September 11, 2024] (0913-0920)

T5, SOMALIA. The **603T** team arrived in Hargeisa, Somaliland, on September 11th. On September 13th, they were "waiting for the customs clearance of the equipment, which as expected will take a few days. For this reason, no exact dates have been communicated regarding our on-air operation". If all goes well, they should be ready for the installation of the first of five stations in the coming days. Follow <https://www.facebook.com/Dxexplorernet> for updates. Full upload to LoTW 12 months after the DXpedition. QSL via [ClubLog's OQRS](#), or direct to [IV3DSH](#).

-[425DXN # 1741 September 14, 2024] (0913-1004)

TU, COTE D'IVOIRE. Mustafa, TA2YGT is QRV as **TU/TA2YGT** from Abidjan **until September 16th**. Activity is in his spare time mostly on 20 meters using SSB and FT8, and on Satellite QO-100. QSL direct to [TA2YGT](#), LoTW.

-[ARRL DX Bulletin # 29 August 8, 2024] (0809-0920)

UN, KAZAKHSTAN. Uwe, DL8UD is QRV as **UN/DL8UD** **until September 19th**. Activity is on the HF bands using mostly SSB. This includes being an entry in the Worked All Europe DX SSB contest (September 14th-15th) possibly using a shorter contest call. QSL to [DL8UD](#).

-[ARRL DX Bulletin # 34 September 12, 2024] (0913-0920)

V4, ST. KITTS & NEVIS. Once again John, W5JON will be active as **V47JA** from St. Kitts (NA-104) from **September 18th to October 1st**. He will operate SSB and FT8 on the 160-6 meters. QSL via LoTW, or direct to [W5JON](#).

-[425DXN # 1741 September 14, 2024] (0913-1004)

V4, ST. KITTS & NEVIS. Rikk, WE9G will be active as **V4/WE9G** from Frigate Bay on St. Kitts (NA-104) on **September 10th-17th**. He will operate mainly FT8/FT4 (MSHV) with some SSB and CW on 80-6 meters. QSL via LoTW, [ClubLog's OQRS](#), QRZ Logbook, or [WE9G](#).

-[425DXN # 1740 September 7, 2024] (0906-0920)

VK, AUSTRALIA. From **September 14th to 29th**, **V17POL** will be on air on the occasion of the 7th National Police Week. QSL via [VK5PAS](#), eQSL or LoTW.

-[DXNL # 2423 September 11, 2024] (0913-1004)

VP6, PITCAIRN I. Bill, GØVDE will be active as **VP6WR** from Pitcairn Island (OC-044) on **September 5th-15th**. He plans to operate SSB, FT8 (probably Multi-Stream MSHV) and some RTTY (depending on demand) on 80-6 meters using a linear amplifier. See <http://vp6wr.com> for more information. QSL via [MØURX's OQRS](#).

-[425DXN # 1737 August 17, 2024] (0830-0920)

VU, INDIA. San, VU2TT will be QRV in several contests with special call sign **AT5T** from **September 7th to November 28th**. QSL via LoTW.

-[ARRL DX Bulletin # 33 September 5, 2024] (0906-0927)

VU, INDIA. Special event station **AT78I** is QRV **until November 13th** to celebrate 78 years of independence for India. Activity is on the HF bands using CW and SSB. QSL via [VU2JOS](#).

-[ARRL DX Bulletin # 31 August 22, 2024] (0823-1115)

XT, BURKINA FASO. Harald, DF2WO will be active again as **XT2AW** from Burkina Faso from **September 8th to 22nd**. He plans to operate SSB and FT4 on 80-10 meters and QO-100. QSL via [MØOXO's OQRS](#) and LoTW.

-[425DXN # 1739 August 31, 2024] (0906-0927)

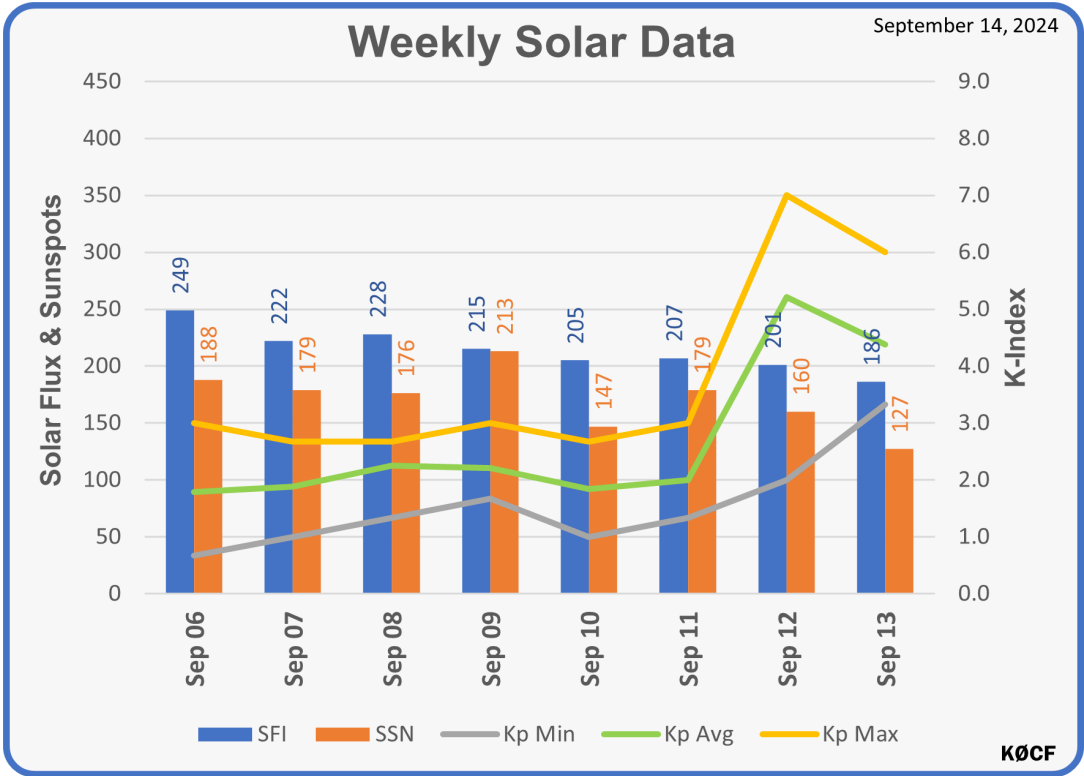
YB, INDONESIA. A group of operators will be QRV as **7E4M** from Mendanau Island (OC-144) from **September 14th to 16th**. Activity will be on 40, 20, 15, and 10 meters using CW, SSB, and FT8. This will be the first ever activity from this Island. QSL via LoTW.

-[ARRL DX Bulletin # 34 September 12, 2024] (0913-0920)

ZB, GIBRALTAR. Stations in Gibraltar can use the special **ZG** prefix from **September 3rd to 10th** for Gibraltar's National Day celebrations. QSL via operators' instructions.
-[ARRL DX Bulletin # 32 August 29, 2024] (0830-0920)

ZD9, TRISTAN DA CUNHA & GOUGH I. Lance, W7GJ will be active as **ZD9GJ** from Tristan da Cunha (AF-029) **approximately** from **September 12th to October 1st**. This will be primarily a 6m EME DXpedition, using Q65-60A in the "Q65 Pileup" mode. See <https://www.bigskyspaces.com/w7gj/> for detailed information and instructions. When not "aimed up at the moon", he may operate SSB or FT8 on 6m TEP. QSL via LoTW, or direct to [W7GJ](#).
-[425DXN # 1739 August 31, 2024] (0906-1004)

Propagation (Updated daily)



The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

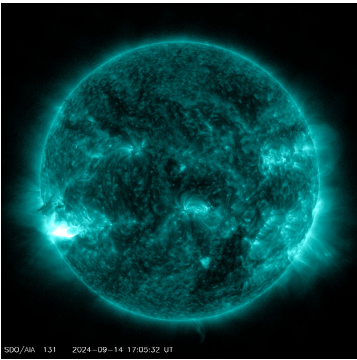
The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows

incredible solar detail.

Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!



Propagation Summary

For the 8 day period from Friday, September 6th through yesterday, September 13th.

The average solar flux was 209, down 32 points from the previous week, with a weekly high of 249 on Friday, September 6th, followed by a low of 186 on September 13th.

The average sunspot count was 169, up 1 from last week, peaking at 213 on Monday, September 9th followed by a weekly low of 127 on September 13th.

The Planetary K-index weekly average was 3.8 with a maximum of 7.0 on Thursday, September 12th, resulting in strong geomagnetic storm conditions. Yesterday's K-index maximum was 6.0 with moderate storm conditions.

Solar flare activity since September 7th has been extremely high with 25 major flares, the largest of which was a major X 1.3 event on Thursday, September 12th.

Propagation Data

Major solar flares, Saturday, September 7th through 1215 UTC, September 14th.

#	Date	UTC	Mag.
1	Sep 14	0741	M 3.0
2	Sep 13	1756	M 1.4
3	Sep 13	1508	M 1.2
4	Sep 13	0837	M 2.9
5	Sep 13	0656	M 5.4
6	Sep 13	0137	M 1.6
7	Sep 12	1506	M 1.6
8	Sep 12	1443	M 6.8
9	Sep 12	1321	M 1.2
10	Sep 12	0943	X 1.3
11	Sep 12	0618	M 2.7
12	Sep 12	0432	M 1.2
13	Sep 11	1752	M 2.0
14	Sep 11	1726	M 1.6
15	Sep 11	1530	M 1.8
16	Sep 11	1518	M 1.4
17	Sep 11	1236	M 1.8
18	Sep 10	1547	M 1.6

19	Sep 10	0028	M 1.3
20	Sep 09	1708	M 3.4
21	Sep 09	1027	M 1.7
22	Sep 09	0850	M 1.5
23	Sep 09	0545	M 1.8
24	Sep 08	1530	M 1.5
25	Sep 07	0749	M 1.6

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Sep 14	55%	10%	185
Sep 15	55%	10%	180
Sep 16	55%	10%	180

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on September 9, 2024).

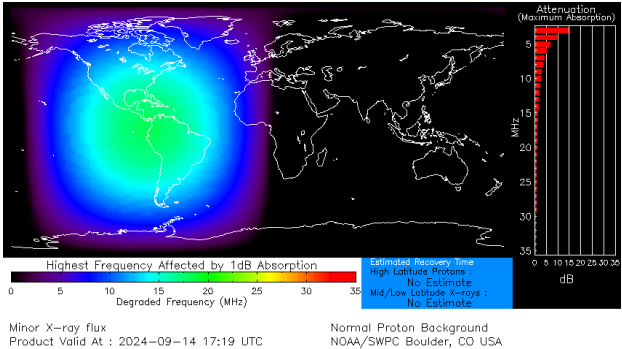
Date	Flux	Kp
Sep 14	225	2
Sep 15	220	2
Sep 16	215	2
Sep 17	210	3

Date	Flux	Kp
Sep 18	210	3
Sep 19	215	2
Sep 20	225	2
Sep 21	225	2

Date	Flux	Kp
Sep 22	220	2
Sep 23	225	2
Sep 24	225	2
Sep 25	230	2

Global D Region Absorption

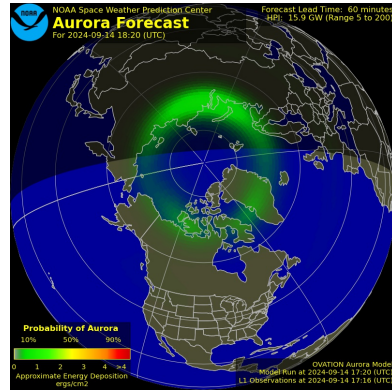
Conditions in the D-region of the ionosphere have a dramatic effect on HF communications. The D-Region Absorption map combines the effects of solar particles and photons. Yellow to red colors on the map depict increasing signal attenuation, where the bar chart at the right displays attenuation versus frequency. Click the thumbnail below for an animated map of D-Region Absorption:



The Aurora Borealis

The aurora is not only beautiful to see but can have a profound impact on HF and VHF radio propagation. For the HF operator, auroras can result in a complete shut-down of propagation. However, on VHF, auroras present interesting DX possibilities. Beam antennas are very desirable and should be pointed north, towards the aurora. Signals are reflected by “back-scatter” and will be distorted with a rough buzz. SSB is the best voice mode to use, but copy can be difficult. CW will have a rough buzzy sound but be perfectly copyable. Click the thumbnail below for an animated map of

aurora versus time:



Highs for Cycle 25

Solar Flux: 336 on August 8, 2024.

Sunspots: 382 on August 10, 2024.

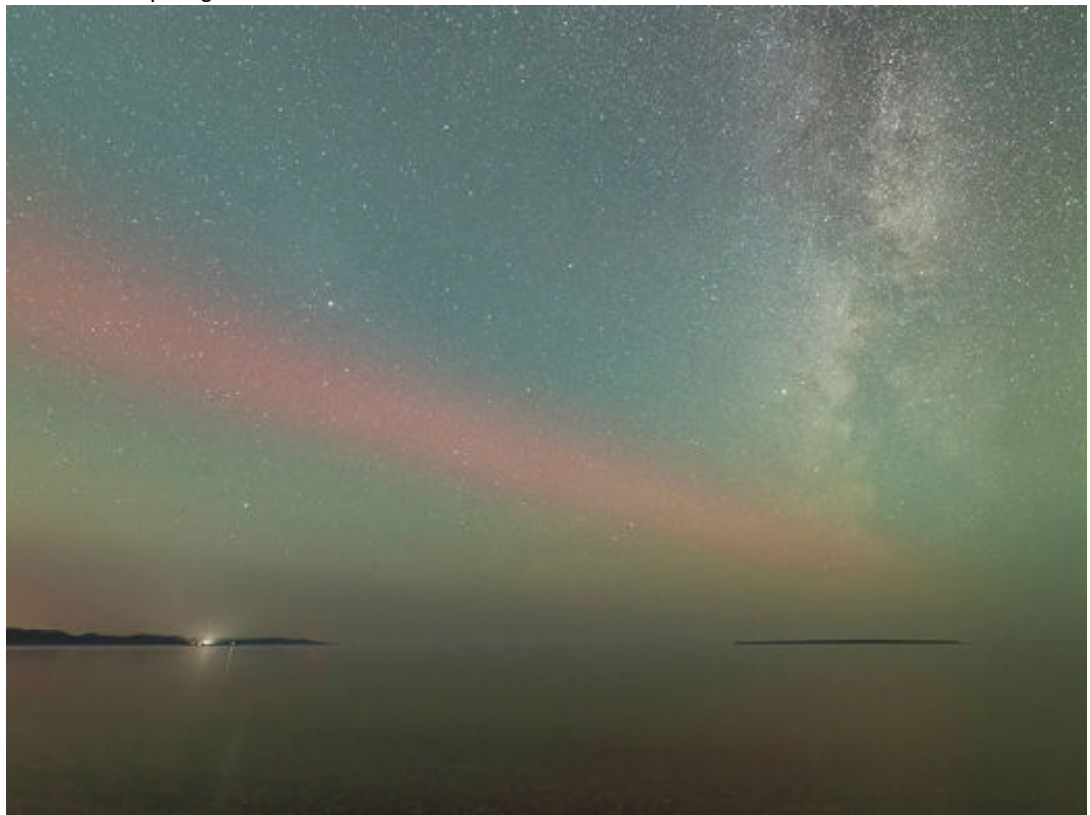
Chance of Geomagnetic Storms Today

Minor ([G1](#)) to moderate ([G2](#)) geomagnetic storms are possible on **Sept. 14th** when an [overdue halo CME](#) is expected to reach Earth. Our planet's magnetic field is still vibrating from the strong ([G3](#)) storm of Sept. 12th, so the approaching CME could be surprisingly effective despite its tardy arrival.

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Earth's Ring Current is Leaking

During the strong ([G3](#)) geomagnetic storm of Sept. 12th, Jeffery Dixon looked up from the Agawa Bay in Ontario, Canada, and saw a red band stretching across the sky. It was a sign that [Earth's ring current](#) had sprung a leak:



"I'm not sure if it was aurora, STEVE or airglow," says Dixon.

Actually, none of the above. Dixon photographed an [SAR arc](#). SAR arcs were discovered in 1956 at the beginning of the Space Age. At first, researchers didn't know what they were and unwittingly gave them a misleading name: "Stable Auroral Red arcs." However, they are not auroras; the red glow comes from Earth's ring current system.

Yes, [Earth has rings](#). Unlike Saturn's rings, which are vast disks of glittering ice, Earth's rings are

made of electricity--a donut-shaped circuit carrying millions of amps around our planet.During strong geomagnetic storms, thermal energy from the rings can leak onto the atmosphere below, imprinting a red glow among the auroras.

On Sept. 12th, SAR arcs were seen from many locations including [Pennsylvania](#), [Germany](#), [California](#) and [Colorado](#). Browse [the gallery](#) for more.

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Popular Propagation web sites

- <https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)
- NOAA <https://www.swpc.noaa.gov/>
- <https://www.spaceweather.com/>
- <https://www.solarham.com/>
- <https://dx.gsl.net/propagation/>

A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

Contest Calendar

Weekly Contests

Contest	Start UTC		End	Web Site
K1USN Slow Speed Test	Monday	0000Z	0100Z	Rules
ICWC Medium Speed Test	Monday	1300Z	1400Z	Rules
	Monday	1900Z	2000Z	
	Tuesday	0300Z	0400Z	
CWops Test (CWT)	Wednesday	1300Z	1400Z	Rules
	Wednesday	1900Z	2000Z	

	Thursday	0300Z	0400Z	
	Thursday	0700Z	0800Z	
Weekly RTTY Test	Friday	0145Z	0215Z	Rules
NCCC CW Sprint (NS)	Friday	0230Z	0300Z	Rules

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is Sunday at 7:00 PM in the Central Daylight Saving Time zone, or Sunday at 6:00 PM in the Central Standard Time zone.

Full Calendar

Contest	Start		End		Web Site
WAE DX Contest, SSB	Sep 14	0000Z	Sep 15	2359Z	Rules
ARRL September VHF Contest	Sep 14	1800Z	Sep 16	0300Z	Rules
North American Sprint, RTTY	Sep 15	0000Z	Sep 15	0400Z	Rules
Scandinavian Activity Contest, CW	Sep 21	1200Z	Sep 22	1200Z	Rules
Iowa QSO Party	Sep 21	1400Z	Sep 22	0200Z	Rules
Texas QSO Party	Sep 21	1400Z	Sep 22	0200Z	Rules
	Sep 22	1400Z	Sep 22	2000Z	
Wisconsin Parks on the Air	Sep 21	1600Z	Sep 21	2300Z	Rules
New Jersey QSO Party	Sep 21	1600Z	Sep 22	0359Z	Rules
New Hampshire QSO Party	Sep 21	1600Z	Sep 21	2200Z	Rules
	Sep 22	1600Z	Sep 22	2200Z	
Washington State Salmon Run	Sep 21	1600Z	Sep 22	0700Z	Rules
	Sep 22	1600Z	Sep 22	2400Z	
CQ Worldwide DX Contest, RTTY	Sep 28	0000Z	Sep 29	2400Z	Rules
Maine QSO Party	Sep 28	1200Z	Sep 29	1200Z	Rules
Oceania DX Contest, Phone	Oct 5	0600Z	Oct 6	0600Z	Rules
California QSO Party	Oct 5	1600Z	Oct 6	2200Z	Rules
Makrothen RTTY Contest	Oct 12	0000Z	Oct 13	1559Z	Rules
Nevada QSO Party	Oct 12	0300Z	Oct 13	2100Z	Rules
Oceania DX Contest, CW	Oct 12	0600Z	Oct 13	0600Z	Rules
Scandinavian Activity Contest, SSB	Oct 12	1200Z	Oct 13	1200Z	Rules
Arizona QSO Party	Oct 12	1500Z	Oct 13	0500Z	Rules
Pennsylvania QSO Party	Oct 12	1600Z	Oct 13	0400Z	Rules
	Oct 13	1300Z	Oct 13	2200Z	
South Dakota QSO Party	Oct 12	1800Z	Oct 13	1800Z	Rules
10-10 Int. Fall Contest, CW	Oct 19	0001Z	Oct 20	2359Z	Rules
New York QSO Party	Oct 19	1400Z	Oct 20	0200Z	Rules
Stew Perry Topband Challenge	Oct 19	1500Z	Oct 20	1500Z	Rules
Illinois QSO Party	Oct 20	1700Z	Oct 21	0100Z	Rules
ARRL School Club Roundup	Oct 21	1300Z	Oct 25	2359Z	Rules
CQ Worldwide DX Contest, SSB	Oct 26	0000Z	Oct 27	2400Z	Rules

Ukrainian DX Contest	Nov 2	1200Z	Nov 3	1200Z	Rules
ARRL Sweepstakes Contest, CW	Nov 2	2100Z	Nov 4	0300Z	Rules
WAE DX Contest, RTTY	Nov 9	0000Z	Nov 10	2359Z	Rules
10-10 Int. Fall Contest, Digital	Nov 9	0001Z	Nov 10	2359Z	Rules
JIDX Phone Contest	Nov 9	0700Z	Nov 10	1300Z	Rules
OK/OM DX Contest, CW	Nov 9	1200Z	Nov 10	1200Z	Rules
North American SSB Sprint Contest	Nov 10	0000Z	Nov 10	0400Z	Rules
LZ DX Contest	Nov 16	1200Z	Nov 17	1200Z	Rules
ARRL Sweepstakes Contest, SSB	Nov 16	2100Z	Nov 18	0300Z	Rules
CQ Worldwide DX Contest, CW	Nov 23	0000Z	Nov 24	2400Z	Rules
ARRL 160-Meter Contest	Dec 6	2200Z	Dec 8	1600Z	Rules

-[Contest data courtesy of the [WA7BNM Contest Calendar](#)]